

Keeping you in touch with information from Graham's FacTree Vol 4 December 2010



Welcome to the next edition of The Evaluation Facts, a regular newsletter keeping you in touch with the latest cultivar evaluation information, from the cultivar evaluation program being coordinated by Graham's Factree.

In order to assist growers to make direct comparisons between the maturity timing of a commercially planted variety against a test variety from the newsletter, we will be endeavouring to include a brief note of what commercial varieties are currently being picked out of the evaluation region.

Obviously exact picking dates can vary from grower to grower and within one region, however we hope this information can act as a guide and be beneficial to those reading the newsletter.

Currently in Renmark, 'Honey Fire' (b, 'June Candy' and Diamond Bright nectarines are all being picked. 'Kay Pearl' nectarine is expected to be started late this week.

We would encourage anyone interested in participating in the evaluation program to contact their local association to register their interest. Please do not hesitate to contact the staff at Graham's Factree to discuss any of the cultivars currently available, or undergoing testing.

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reliance on any of the information provided in this newsletter.

We strongly recommend that you obtain independent advice before you make any decisions in reliance on this newsletter.

Specifically you should make and rely on your own enquiries in relation to any district performance, cropping ability, pollination or any other aspect of the cultivars and/or rootstock mentioned in this newsletter.

Our liability for a breach of a condition or warranty implied by law and which cannot be excluded, is limited to the extent possible, at our option, to:

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the supply of the relevant replacement trees, or equivalent trees; or

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'FTP072' Peach Stage 1 Evaluation page 10



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'Honey Fire' (D Nectarine Stage 2 Evaluation page 11

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'Honey Haven' (D) Nectarine Stage 2 Evaluation page 13

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'FTN0510' Nectarine Stage 2 Evaluation page 19



'Cot N Candy' Inter. Apricot

Stage 2 Evaluation page 18

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'Sauzee King' Nectarine
Stage 1 Evaluation page 20
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Fail Fail		ion	14/12/2010		Location	Riverland	
Split Stone	Evaluator Nam	e	`Jason	Rootstock	GF677		
Russet	Cultivar		FTN0412		Variety	Yellow nec	tarine
Pass Fail	Split Stone		× Pass		Fa	ail	
Fail	3alanced Taste		▼ Pass		☐ Fa	ail	
Pass Fail	Russet		▼ Pass		☐ Fa	ail	
Fail Fail	Cracking		× Pass		☐ Fa	ail	
Fruit Doubles Pass	Appearance		▼ Pass		☐ Fa	ail	
Crop Yield	Stem Tear		▼ Pass		☐ Fa	ail	
Fruit Size mm 75mm (70-81)	Fruit Doubles		▼ Pass		☐ Fa	ail	
Bloom 10% Pink bud 8/8/2010 Full Bloom 5/9/2010 1st Pick	Crop Yield		High	X	Medium	L	ow
1st Pick 14/12/2010 2nd Pick Skin Cream Green Orange Yellow Pink Maroon Purple Red Dark Red Flesh Cream Green White Yellow Orange Red Purple Flavour Acid Low Acid Sub-Acid Brix % 12 (10-15) Score /10 7 Progress to Stage 2 Yes No	Fruit Size mm	75mm (70	0-81)				
Skin Cream Green Orange Yellow Pink Maroon Purple Red Dark Red Flesh Cream Green White Yellow Orange Purple Flavour Acid Low Acid Sub-Acid Brix % 12 (10-15) Score /10 7 Progress to Stage 2 Yes No	Bloom 10%	Pink bud 8	8/8/2010		Full Bloom	5/9/2010	
Maroon Purple	1st Pick	14/12/201	0		2nd Pick		
Flavour	☐ Maroo	n	Purple Green	⋉ Red		☐ Dark Red	<u> </u>
Score /10 7 Progress to Stage 2 Yes X No Comments &					Low Acid	X S	ub-Acid
Score /10 7 Progress to Stage 2 Yes X No Comments & Commercial Shape is elongated with narrow shoulders	Brix %	12 (10-15))				
Comments & Commercial Shape is elongated with narrow shoulders	 Score /10	7					
Comments & Commercial Shape is elongated with narrow shoulders	Progress to Sta	 ge 2			J ▼ No	0	
	Commercial	Shape is elor	ngated with narrow shoulders				

Date of Evalua	ion	14/12/2010		Location	Riverland	
Evaluator Nam	e	`Jason		Rootstock	GF677	
Cultivar		FTN0117		Variety	white nect	arine
Split Stone		▼ Pass		Fa	nil	
Balanced Taste		X Pass		☐ Fa	nil	
Russet		Pass		⊠ Fa	nil	
Cracking		▼ Pass		☐ Fa	ail	
Appearance		Pass		⊠ Fa	ail	
Stem Tear		▼ Pass		☐ Fa	ail	
Fruit Doubles		▼ Pass		☐ Fa	ail	
Crop Yield		☐ High	X	Medium	l	_ow
Fruit Size mm	75mm (72	2-84)				
Bloom 10%	Pink bud 2	22/8/2010		Full Bloom	12/9/2010	
1st Pick	14/12/201	10		2nd Pick		
Skin Cream		Green	Orang	ge	Yellow	Pink
☐ Maroo		Purple Green	Red White	2	✓ Dark Red✓ Yellow	☐ Orange
Red		Purple				
Flavour		☐ Acid		Low Acid	× 5	Sub-Acid
Brix %	12 (10-14)					
Score /10	6]		
Progress to Sta	ge 2	☐ Yes		⊠ N	0	
Comments & Commercial Comparator	Nice flavor a	nd size but too much russet				
ee Editorial	Notos					

Stage 2 Evaluation Date of Evaluation 12/12/2010 Location Riverland **Evaluator Name** Jason Rootstock GF677 FTN0115 Cultivar Variety Yellow nectarine **Pink Bud** 30/7/2010 **Full Bloom** 22/8/2010 1st Pick 10/12/2010 2nd Pick Skin Thickness Colour Intensity |X Thin Medium Thick ☐ Dull Moderate X Bright Colour Type Striped **▼** Solid Blushed Bi-coloured **Over Colour** Green Orange Yellow X None Cream Pink Purple Maroon Red Dark Red **Background Colour** Cream Yellow/Green X Yellow Green Bruising Skin /10 ★ Absent Light Moderate Heavy Flesh Colour Cream Green White Yellow ▼ Orange **⋉** Red Purple Flesh Texture Hard Crisp Rubbery Soft X Crunchy Coarse X Juicy **⋉** Medium Fine/melting Grainy/gritty Flesh /10 Bleeding None ▼ Under skin Around stone Amount 40% 71mm (69-76) 10 (8-12) **Ave Fruit Size mm Fruit Shape** Rounded ▼ Oblong Ovate Slightly flat Asymmetric Symmetric Fruit Tip Fruit Indent **⋉** Flat Large Slight Deep Flat X Slight Flavour Bitter X Acid Aromatic Balanced Bland Slightly sweet Firmness Medium Soft **X** Hard Very sweet Fruit /10 Split Stone % 8 Russet Majority None ▼ Some **Russet Position** X Calyx end Cheeks Complete General Lenticel Stem bowl Stem end Sunburn ★ Absent Light Moderate Heavy Stem Tear Cracking X None X None Some Severe Some Severe Limb Rub None X Light Moderate Heavy Cracking Preharvest Drop X None Severe Evident X Not Evident Some X Lateral bearer **Fruiting Habit Uniform Ripening** Semispur Spur Type X Yes ☐ No **Flower Density** Heavy None Light X Average **▼** Commercial Fruit Doubles X None Low ■ Average High **Crop Load** None Light ★ Average Heavy X Commercial Tree Vigour Tree Habit spreading ▼ Upright ☐ Weak ★ Average Strong Spreading **Bacterial Spot** X None ☐ Few Smothered Many Tree/10

Factree Editorial Notes:

stones split when fruit is cut

Comments &

Commercial

Comparator

In discussion with evaluators it has been determined that some early or low chill varieties can have a 'soft stone' that can be physically split when fruit is cut in half. These soft stones do not appear to be detrimental to the commercial viability of the cultivar. Soft stones are not regarded in the same context as split stones.

Overall

Score /10

Stage 2 Evaluation Date of Evaluation 12/12/2010 Location Riverland **Evaluator Name** Jason Rootstock GF677 FTP057 Cultivar Variety Yellow peach **Pink Bud** 13/8/2010 **Full Bloom** 7/9/2010 1st Pick 9/12/2010 2nd Pick Skin Thickness Colour Intensity Thin **▼** Medium Thick ☐ Dull **⋉** Moderate Bright **Colour Type** Striped **▼** Solid Blushed Bi-coloured **Over Colour** Cream Green Orange Yellow Pink None Maroon Purple Red Dark Red **Background Colour** Cream Yellow/Green X Yellow Green Bruising Skin /10 8 X Absent Light Moderate Heavy Flesh Colour Cream Green White Yellow ▼ Orange **X** Red Purple Flesh Texture Hard Crisp Crunchy Soft Rubbery Coarse X Juicy Grainy/gritty **⋉** Medium Fine/melting Flesh /10 Bleeding None X Under skin Around stone Amount 40% 83mm (79-93) 10 (9-11) Ave Fruit Size mm Fruit Shape Oblong Ovate **X** Rounded Slightly flat Asymmetric **▼** Symmetric Fruit Tip Fruit Indent ☐ Flat X Slight Large Deep Flat Slight Flavour Acid Bitter Aromatic ▼ Balanced Bland X Slightly sweet Firmness Very sweet **⋉** Medium Soft Hard Fruit /10 Split Stone % Russet Majority X None X Some **Russet Position** Calyx end Cheeks Complete General Lenticel Stem bowl Stem end Sunburn ★ Absent Light Moderate Heavy Stem Tear Cracking Severe X None None X Some Some Severe Limb Rub None X Light Moderate Heavy Cracking Preharvest Drop X None Severe Evident X Not Evident Some Lateral bearer **Fruiting Habit Uniform Ripening** Spur Type Semispur X Yes ☐ No Flower Density None Light X Average Heavy Commercial Fruit Doubles None Low Average High Crop Load None X Light Average Heavy Commercial Tree Vigour Upright Tree Habit Spreading ▼ Upright ☐ Weak ★ Average Strong Spreading **Bacterial Spot** Many X None ☐ Few Smothered Tree /10 Comments & Overall Commercial lighter yeild than last year Score /10 Comparator **Factree Editorial Notes:**

Stage 2 Evaluation 12/12/2010 **Date of Evaluation** Location Riverland Jason Rootstock **Evaluator Name** Giesla 6 FTC012 Cultivar Variety Pink Bud 17/9/2010 **Full Bloom** 12/10/2010 1st Pick 12/12/2010 2nd Pick Skin Thickness Colour Intensity ___ Thin Thick **X** Medium Dull Moderate X Bright **Colour Type** Striped X Solid Blushed Bi-coloured Over Colour Green X None Cream Orange Yellow Pink Red Maroon Purple ☐ Dark Red **Background Colour** Cream Green Yellow/Green Yellow Skin/10 8 Bruisina Moderate Light ★ Absent Heavy Flesh Colour Cream Green White Yellow Orange X Red Purple Flesh Texture Hard Coarse Crisp Crunchy Rubbery Soft X Juicy **X** Medium Fine/melting Grainy/gritty Bleeding Flesh /10 None Around stone Under skin Amount 15 21mm (20-22) Brix % **Ave Fruit Size mm** Fruit Shape Slightly flat Oblong Ovate X Rounded Asymmetric Symmetric **Fruit Tip** Fruit Indent |X Flat Slight ☐ Flat ☐ Large Deep Slight Flavour Bitter Bland Acid Aromatic Balanced X Slightly sweet Firmness Very sweet Soft ▼ Medium Fruit /10 8 Split Stone % Russet X None Some Majority **Russet Position** Complete Calyx end Cheeks General Lenticel Stem bowl Stem end Sunburn X Absent Light Moderate Heavy Stem Tear Cracking None X Some Severe None X Some Severe Limb Rub Light Heavy ▼ None Moderate Cracking Preharvest Drop None X Some Severe Evident X Not Evident Lateral **Fruiting Habit Uniform Ripening** bearer Semispur X Spur Type X Yes ☐ No Flower Density None Light Average X Heavy Commercial Fruit Doubles X None Low High Average Crop Load None Light Average ▼ Heavy Commercial Upright spreading Tree Vigour Tree Habit ▼ Upright **⋉** Weak ■ Average Strong Spreading

Factree Editorial Notes:

▼ None

Few

Many

over cropped on Giesla 6. Will be better size on another rootstock or one better managed

Bacterial Spot

Comments &

Commercial

'GiSelA 6' rootstock is a dwarfing rootstock used in high density cherry plantings. It is a characteristic of Giesla 6 to cause trees to be highly precocious. Particular growing techniques are required for appropriate management of this rootstock.

Smothered

Tree /10

Overall

Score /10

Date of Evaluat	ion	12/12/10		Location	Riverland	
Evaluator Nam	e	Jason		Rootstock	Nemagua	ard
Cultivar		FTP072		Variety		ach (Donut)
plit Stone		▼ Pass				
Salanced Taste		▼ Pass			il	
lusset		▼ Pass			il	
racking		▼ Pass			il	
ppearance					il	
tem Tear		▼ Pass		Fa	il	
ruit Doubles		▼ Pass		Fa	il	
rop Yield		☐ High		Medium	X	Low
ruit Size mm	73mm (70)-77)				
Bloom 10%	Pink bud 2	21/8/2010		Full Bloom	12/9/2010	
st Pick	12/12/201	0		2nd Pick		
kin Cream		Green	Orang	je	Yellow	⊠ Pink
☐ Maroo		Purple Green	Red White		☐ Dark Red☐ Yellow	☐ Orange
Red		Purple	_			
lavour		☐ Acid		Low Acid	X	Sub-Acid
Brix %	12 (10-13)					
Score /10	6					
rogress to Sta	ge 2	☐ Yes		X No)	
Brix % Score /10	6 gge 2	☐ Yes	ı high chill year for this region	 X No		
orial	Notes:					

Stage 2 Evaluation Date of Evaluation 12/12/2010 Location Riverland **Evaluator Name** Jason Rootstock Nemaguard Cultivar Honey Fire Variety Yellow nectarine **Pink Bud** 9/8/2010 **Full Bloom** 3/9/2010 1st Pick 12/12/2010 2nd Pick Skin Thickness Colour Intensity X Thin Medium Thick Dull Moderate X Bright **Colour Type** Striped X Solid Blushed Bi-coloured Over Colour Cream Green Orange X None Yellow Pink Maroon Dark Red Purple Red **Background Colour** Cream Green Yellow/Green X Yellow Bruising Skin /10 8 ★ Absent Light Moderate Heavy Flesh Colour Cream Green White X Yellow Orange Red Purple Flesh Texture Soft X Crisp Hard Coarse ▼ Crunchy Rubbery Medium X Juicy Grainy/gritty Fine/melting Bleeding Flesh /10 None Around stone ▼ Under skin Amount 0-5% 69mm (66-72) 11 (11-14) **Ave Fruit Size mm** Fruit Shape Oblong Ovate **X** Rounded Slightly flat Asymmetric Symmetric Fruit Tip Fruit Indent Slight Flat Slight Large **⋉** Flat Deep Flavour Aromatic Bitter X Slightly sweet Acid Balanced Firmness Very sweet Soft Medium **X** Hard Fruit /10 Split Stone % 8 Russet Majority X None Some **Russet Position** Calyx end General Lenticel Cheeks Stem end Complete Stem bowl Sunburn Heavy X Absent Light Moderate Stem Tear Cracking X None Some Severe X None Some Severe Limb Rub X Light None Moderate Heavy Cracking Preharvest Drop X None Some Severe Evident X Not Evident X Lateral bearer **Fruiting Habit Uniform Ripening** X Yes Spur Type Semispur ☐ No **Flower Density** ☐ None Light X Average Heavy Commercial **Fruit Doubles** X None Low High Average Crop Load None Light ★ Average Heavy Commercial Tree Vigour Upny... spreading Upright Tree Habit X Upright ☐ Weak ★ Average Strong Spreading **Bacterial Spot** Many X None Few Smothered Tree /10 Comments & Overall Commercial Score /10 Comparator **Factree Editorial Notes:**

Fruit Size mm	Date of Evaluati	on	12/12/2010		Location	Riverland	
Fail Salanced Taste Pass Fail Fail	Evaluator Name		Jason		Rootstock	GF8-1	
Pass Fail	Cultivar		FTIP991		Variety	Pluot	
Russet	Split Stone		▼ Pass		F.	ail	
Cracking Pass Fail Appearance Pass Fail Stem Tear Pass Fail Stem Tear Pass Fail Crop Yield High Medium Low Fruit Size mm 58mm (55-62) Bloom 10% Pink bud 27/8/2010 Full Bloom 17/9/2010 Ist Pick 12/12/2010 2nd Pick Skin Cream Green Orange Yellow Pink Maroon Purple Red Dark Red Flesh Cream Green White Yellow Orange Flexour Acid Low Acid Sub-Acid Brix % 11 (9-12) Score /10 7 Progress to Stage 2 Yes No	Balanced Taste		X Pass		F	ail	
Appearance	Russet		X Pass		F	ail	
Fail	Cracking		X Pass		F	ail	
Fruit Doubles Pass	Appearance		X Pass		F	ail	
Crop Yield	Stem Tear		X Pass		F	ail	
Fruit Size mm	Fruit Doubles		X Pass		F	ail	
Full Bloom 10% Pink bud 27/8/2010 Full Bloom 17/9/2010	Crop Yield		☐ High		Medium	X I	LOW
Ist Pick 12/12/2010 2nd Pick Skin Cream Green Orange Yellow Pink Maroon Purple Red Dark Red Orange Yellow Or	Fruit Size mm	58mm (55	5-62)				
Skin Cream Green Orange Yellow Pink Maroon Purple Red Dark Red Purple Red Purple Red Sub-Acid Sub-Acid	Bloom 10%	Pink bud 2	27/8/2010		Full Bloom	17/9/2010	
Maroon	1st Pick	12/12/201	10		2nd Pick		
Flavour Acid Low Acid Sub-Acid Brix % 11 (9-12) Score /10 7 Progress to Stage 2 Yes No Comments & Commercial yeild is an issue this year, not enough flavor	☐ Maroor	1	X Purple Green	Red		☐ Dark Red	_
Score /10 7 Progress to Stage 2 Yes No Comments & Commercial yeild is an issue this year, not enough flavor					Low Acid		Sub-Acid
Progress to Stage 2 Yes No Comments & Commercial yeild is an issue this year, not enough flavor	Brix %	11 (9-12)					
Comments & Commercial yeild is an issue this year, not enough flavor	Score /10	7					
Commercial yeild is an issue this year, not enough flavor	Progress to Stag	e 2	☐ Yes		× N	lo	
	Commercial	yeild is an iss	sue this year, not enough flav	ror			

Stage 2 Evaluation Date of Evaluation 11/12/2010 Location Riverland GF677 **Evaluator Name** Jason Rootstock Honey Haven Cultivar Variety Yellow nectarine **Pink Bud** 7/8/2010 **Full Bloom** 4/9/2010 1st Pick 9/12/2010 2nd Pick Skin Thickness **Colour Intensity** Moderate Bright Thin **X** Medium Thick X Dull **Colour Type** Bi-coloured Striped X Solid Blushed Over Colour None Green Orange Pink Cream Yellow 20% Purple X Dark Red Maroon Red **Background Colour** Cream Green Yellow/Green X Yellow Bruising Skin /10 8 ☐ Absent X Light Moderate ☐ Heavy Flesh Colour Cream Green White X Yellow Orange Red Purple Flesh Texture Crisp X Rubbery Hard Coarse Crunchy Soft X Juicy Grainy/gritty **⋉** Medium Fine/melting Bleeding Flesh /10 ▼ None Around stone Under skin Amount Ave Fruit Size mm 79mm (69-84) 12 (9-15) Fruit Shape ▼ Oblong Ovate Rounded Slightly flat Asymmetric Symmetric Fruit Indent Fruit Tip ☐ Flat Slight X Large Deep ☐ Flat Slight Flavour Aromatic ▼ Balanced Bitter Slightly sweet Firmness Very sweet Soft ▼ Medium Hard Fruit /10 Split Stone % 5% Russet **⋉** Some Majority ☐ None **Russet Position** General Lenticel Calyx end X Cheeks Complete Stem bowl Stem end Sunburn Moderate Heavy X Absent Light Stem Tear Cracking Some X None Some Severe X None Severe Limb Rub None X Light Moderate Heavy Cracking Preharvest Drop X None ▼ Not Evident Some Severe Evident **Fruiting Habit** X bearer Lateral **Uniform Ripening** X Yes Spur Type Semispur ☐ No Flower Density ☐ None Light ★ Average Heavy Commercial **Fruit Doubles** X None Low High Average Crop Load None Light ★ Average Heavy Commercial Tree Vigour Upny... spreading Upright **Tree Habit** ☐ Weak Average Strong ▼ Upright Spreading **Bacterial Spot** Few Smothered X None ☐ Many Tree /10 Comments & Overall Slight to large fruit tip. Comparator is Middle of Diamond Bright Commercial Score /10 Comparator **Factree Editorial Notes:**

Stage 2 Evaluation Date of Evaluation 11/12/2010 Location Riverland GF677 **Evaluator Name** Jason Rootstock FTN0415 Cultivar Variety Yellow nectarine **Pink Bud** 13/8/2010 **Full Bloom** 4/9/2010 1st Pick 11/12/2010 2nd Pick Skin Thickness **Colour Intensity** Moderate Thin **X** Medium Thick Dull X Bright **Colour Type** Bi-coloured Striped X Solid Blushed Over Colour None Green Orange Yellow Pink Cream Dark Red Maroon Purple Red **Background Colour** Cream Green Yellow/Green X Yellow Bruising Skin /10 8 ★ Absent Light Moderate Heavy Flesh Colour Cream Green White X Yellow Orange Red Purple Flesh Texture Crisp X Rubbery Hard Coarse Crunchy Soft X Juicy Grainy/gritty Medium Fine/melting Bleeding 8 Flesh /10 ▼ None Around stone Under skin Amount Ave Fruit Size mm 76mm (71-85) 10 (7-10) Fruit Shape ▼ Oblong Ovate Rounded Slightly flat Asymmetric Symmetric Fruit Tip Fruit Indent Slight X Large Flat Deep Flat Slight Flavour Aromatic ▼ Balanced Bitter Acid Slightly sweet Firmness Very sweet Soft ▼ Medium Hard Fruit /10 Split Stone % 5-10% Russet X None Majority Some **Russet Position** General Lenticel Cheeks Calyx end Complete Stem bowl Stem end Sunburn Moderate Heavy X Absent Light Stem Tear Cracking Some X None Some Severe X None Severe Limb Rub None X Light Moderate Heavy Cracking Preharvest Drop X None ▼ Not Evident Some Severe Evident X Lateral bearer **Fruiting Habit Uniform Ripening** X Yes Spur Type Semispur ☐ No Flower Density ☐ None Light ★ Average Heavy Commercial **Fruit Doubles** X None Low High Average Crop Load None Light ★ Average Heavy Commercial Tree Vigour Upny... spreading Upright **Tree Habit** ☐ Weak **X** Strong ▼ Upright Spreading **Bacterial Spot** Smothered X None ☐ Few ☐ Many Tree /10 Comments & Overall Commercial Slight to large fruit tip. Comparator is Middle to end of Diamond Bright Score /10 Comparator **Factree Editorial Notes:**

Stage 2 Evaluation 10/12/2010 **Date of Evaluation** Location Riverland **Evaluator Name** Rootstock Citation Cultivar Rubirosa Variety Plum **Pink Bud** 20/8/2010 **Full Bloom** 5/9/2010 1st Pick 10/12/2010 2nd Pick **Skin Thickness** Colour Intensity Thin **▼** Medium Thick Dull **▼** Moderate **Colour Type** Striped X Solid Blushed Bi-coloured Over Colour X None Cream Green Orange Yellow Pink Maroon Purple Red Dark Red **Background Colour** Cream X Yellow Green Yellow/Green Skin/10 8 Bruising X Absent Light Moderate Heavy Flesh Colour X Yellow Purple Cream Green White Orange Red Flesh Texture Hard Crisp Coarse Crunchy Rubbery Soft X Juicy Grainy/gritty ▼ Medium Fine/melting Bleeding Flesh /10 Under skin X None Around stone Amount **Ave Fruit Size mm** 65mm (60-70) Brix % 12 (11-14) Fruit Shape Slightly flat Oblong Ovate Rounded Asymmetric **▼** Symmetric Fruit Tip Fruit Indent Large **⋉** Flat Slight Deep Flat Slight Flavour Bitter Bland Acid **X** Balanced Slightly sweet Aromatic Firmness Soft Very sweet **▼** Medium Fruit /10 Split Stone % Russet X None Majority Some **Russet Position** Calyx end Cheeks Complete General Lenticel Stem bowl Stem end Sunburn X Absent Light Moderate Heavy Stem Tear Cracking X None Some Severe None Some Severe Limb Rub X None Light Moderate Heavy Cracking Preharvest Drop ▼ Not Evident X None Some Severe Evident Latera Fruiting Habit **Uniform Ripening** bearer **X** Semispur Spur Type X Yes ☐ No Flower Density X Average None Light Heavy Commercial **Fruit Doubles** X None Low High Average Crop Load None X Light ★ Average Heavy Commercial ▼ Uprig. spreading Tree Vigour Tree Habit Weak Average **X** Strong Upright Spreading **Bacterial Spot** X None ☐ Few Many Smothered Tree /10 Comments & Overall After Earliqueen and Flavor Royale Commercial Score /10 Comparator **Factree Editorial Notes:**

Date of Evalua	tion	10/12/2010		Location	Riverland	<u> </u>
Evaluator Nam	e	Jason		Rootstock	Citation	
Cultivar		FTIA051		Variety	Aprium	
Split Stone		▼ Pass			Fail	
Balanced Taste		Pass		X	Fail	
Russet		× Pass			Fail	
Cracking		× Pass			Fail	
Appearance		▼ Pass			Fail	
Stem Tear		▼ Pass			Fail	
Fruit Doubles		▼ Pass			Fail	
Crop Yield		⊠ High		Medium] Low
Fruit Size mm	58.5mm (57-60)				
Bloom 10%	Pink bud 2	21/8/2010		Full Bloom	11/9/2010	
1st Pick	10/12/201	10		2nd Pick		
Skin		Green	ズ Orang	je	Yellow	☐ Pink
☐ Maroo		☐ Purple ☐ Green	Red White		☐ Dark Red☐ Yellow	
Red		Purple				M c.age
Flavour		⋉ Acid		Low Acid] Sub-Acid
Brix %	10 (9-10)					
Score /10	6					
Progress to Sta	ge 2	☐ Yes		×	No	
Comments & Commercial Comparator	Not good en	nough flavor when firm				
	Notes:					
ee Editorial						

Stage 2 Evaluation 9/12/2010 **Date of Evaluation** Location Riverland **Evaluator Name** Rootstock **Honey Lite** Cultivar Variety Yellow nectarine **Pink Bud** 13/8/2010 **Full Bloom** 29/8/2010 1st Pick 9/12/2010 2nd Pick **Skin Thickness** Colour Intensity |X Thin Medium Thick Dull Moderate **Colour Type** Solid Striped **又** Blushed Bi-coloured Over Colour X None Cream Green Orange Yellow Pink Maroon Purple Red Dark Red **Background Colour** X Yellow Cream Green Yellow/Green Skin/10 Bruising X Absent Light Moderate Heavy Flesh Colour X Yellow Purple Cream Green White Orange Red Flesh Texture Hard Coarse X Crisp X Crunchy Rubbery Soft X Juicy Grainy/gritty Medium Fine/melting Bleeding Flesh /10 X None Around stone Under skin Amount **Ave Fruit Size mm** 69mm (67-76) Brix % 13.5 (10-15) Fruit Shape Slightly flat Oblong Ovate X Asymmetric **⋉** Rounded Symmetric Fruit Tip Fruit Indent Large **⋉** Flat Slight **⋉** Flat Slight Flavour Bitter Bland Acid Balanced Slightly sweet Aromatic Firmness X Very sweet Soft Medium **X** Hard Fruit /10 8 Split Stone % Russet X Some Majority None **Russet Position** Calyx end Cheeks Complete General Lenticel Stem bowl Stem end Sunburn Heavy X Absent Light Moderate Stem Tear Cracking X None X None Some Severe Some Severe Limb Rub None X Light Moderate Heavy Cracking Preharvest Drop Severe X Not Evident X None Some Evident X Lateral bearer Fruiting Habit **Uniform Ripening** Semispur Spur Type X Yes ☐ No Flower Density X Average Light ☐ None Heavy Commercial **Fruit Doubles** X None Low High Average Crop Load None Light X Average Heavy Commercial Tree Vigour Tree Habit spreading Weak X Average Strong X Upright Spreading **Bacterial Spot** X None ☐ Few Many Smothered Tree /10 Comments & Overall Commercial Potentially too many sugar spot and misshape. Timing just before Honey Fire Score /10 Comparator **Factree Editorial Notes:**

Stage 2 Evaluation Date of Evaluation 15/12/2010 Location Riverland **Evaluator Name** Jason Rootstock GF8-1 Cot N Candy Cultivar Variety Aprium Pink Bud 21/8/2010 **Full Bloom** 11/9/2010 1st Pick 15/12/2010 2nd Pick Skin Thickness **Colour Intensity** ___ Thin **▼** Medium Thick X Dull Moderate Bright **Colour Type** ☐ Bi-coloured Striped Solid **又** Blushed Over Colour ☐ None Green Yellow Pink Cream Orange 5-10% Dark Red Maroon Purple **Background Colour** Yellow Cream Green X Yellow/Green Bruising Skin/10 6 Absent X Light Moderate Heavy Flesh Colour Cream Green White X Yellow Orange Red Purple Flesh Texture Crisp Crunchy Hard Coarse Rubbery X Soft X Juicy Grainy/gritty Medium Fine/melting Flesh /10 Bleeding X None Around stone Under skin Amount Ave Fruit Size mm 44mm (42-49) Brix % 22 (16-25) Fruit Shape Slightly flat Oblong Ovate **▼** Rounded Asymmetric Symmetric **Fruit Tip** Fruit Indent **⋉** Flat Slight Flat Slight Large Deep Flavour Bland Acid Balanced Bitter Slightly sweet Firmness X Very sweet Soft ▼ Medium Hard Fruit /10 Split Stone % 0 9 Russet None **⋉** Some Majority **Russet Position** Calyx end Cheeks Complete **▼** General Lenticel Stem bowl Stem end Sunburn Absent X Light Moderate Heavy Stem Tear Severe Cracking Some None X None X Some Severe Limb Rub X None Light Moderate Heavy Cracking Preharvest Drop ☐ None X Some Severe Evident ▼ Not Evident **Fruiting Habit** Lateral **Uniform Ripening** bearer X Semispur Spur Type Yes X No Flower Density Light ☐ None Heavy Commercial Fruit Doubles X None Low Average High Crop Load Average None Light Heavy X Commercial Upright spreading Tree Vigour Tree Habit Weak ★ Average Strong Upright Spreading **Bacterial Spot** Few X None Many Smothered **Tree /10** Comments & Overall Commercial excellent flavor, size and appearance lets it down Score /10 Comparator **Factree Editorial Notes:**

Stage 2 Evaluation Date of Evaluation 15/12/2010 Location Riverland Jason Rootstock GF677 **Evaluator Name** FTN0510 Cultivar Variety white nectarine Pink Bud 23/8/2010 **Full Bloom** 12/9/2010 1st Pick 15/12/2010 2nd Pick Skin Thickness **Colour Intensity** ___ Thin **▼** Medium Thick Dull Moderate X Bright **Colour Type** Blushed ☐ Bi-coloured Striped X Solid Over Colour Pink X None Cream Green Orange Yellow Dark Red Maroon Purple **Background Colour** Yellow **⋉** Cream Green Yellow/Green Bruising Skin/10 X Absent Light Moderate Heavy Flesh Colour Green Yellow Cream **⋉** White Orange Red Purple Flesh Texture Soft Hard Coarse Crisp **X** Crunchy Rubbery X Juicy Grainy/gritty Medium Fine/melting Flesh /10 8 Bleeding X None Around stone Under skin Amount Ave Fruit Size mm 70mm (65-74) Brix % 12 (10-15) Fruit Shape Slightly flat ▼ Oblong Ovate Rounded Asymmetric Symmetric **Fruit Tip** Fruit Indent **⋉** Flat Slight Flat Slight Large Deep Flavour Bland Acid Balanced Bitter Slightly sweet Firmness X Very sweet Soft ▼ Medium Hard Fruit /10 Split Stone % 0 8 Russet None X Some Majority **Russet Position** ▼ Calyx end Cheeks Complete General Lenticel Stem bowl Stem end Sunburn X Absent Light Moderate Heavy Stem Tear Severe Cracking X None Some X None Some Severe Limb Rub X None Light Moderate Heavy Cracking Preharvest Drop ▼ None Some Severe Evident ▼ Not Evident **Fruiting Habit** X bearer Lateral **Uniform Ripening** X Yes Semispur Spur Type No Flower Density Light ☐ None Heavy Commercial **Fruit Doubles** X None Low Average High Crop Load None Light X Average Heavy Commercial Spreading Tree Vigour Tree Habit ▼ Upright Weak X Average Strong Spreading **Bacterial Spot** X None Few Many Smothered Tree /10 Comments & Overall Commercial Score /10 Comparator **Factree Editorial Notes:**

Date of Evaluat	ion	16/12/2010		Location	Riverland	
]		
Evaluator Nam	e	Jason		Rootstock	GF677	
Cultivar		Sauzee King		Variety	white necta	arine (Donut)
Split Stone		Pass		⊠ Fa	nil	
Balanced Taste		▼ Pass		☐ Fa	nil	
Russet		⊠ Pass		☐ Fa	nil	
Cracking		Pass		⊠ Fa	ail	
Appearance		▼ Pass		☐ Fa	ail	
Stem Tear		▼ Pass		☐ Fa	nil	
Fruit Doubles		▼ Pass		☐ Fa	ail	
Crop Yield		High		Medium	X L	ow
Fruit Size mm	74mm (65	5-79)				
Bloom 10%	Pink bud 2	20/8/2010		Full Bloom	7/9/2010	
1st Pick	16/12/201	10		2nd Pick		
Skin	n	☐ Green ☐ Purple ☐ Green ☐ Purple	☐ Orang ☑ Red ☐ White		☐ Yellow ☐ Dark Red ☐ Yellow	☐ Pink ☐ Orange
Flavour		Acid		Low Acid	X S	ub-Acid
Brix %	15 (14-17))				
Score /10	4					
Progress to Sta	ge 2	☐ Yes		× No	0	
Comments & Commercial Comparator	Generally av	verage crops, usually double:	s and triples, generally	gaping holes. Good fl	avor	
ee Editorial	Notes:					